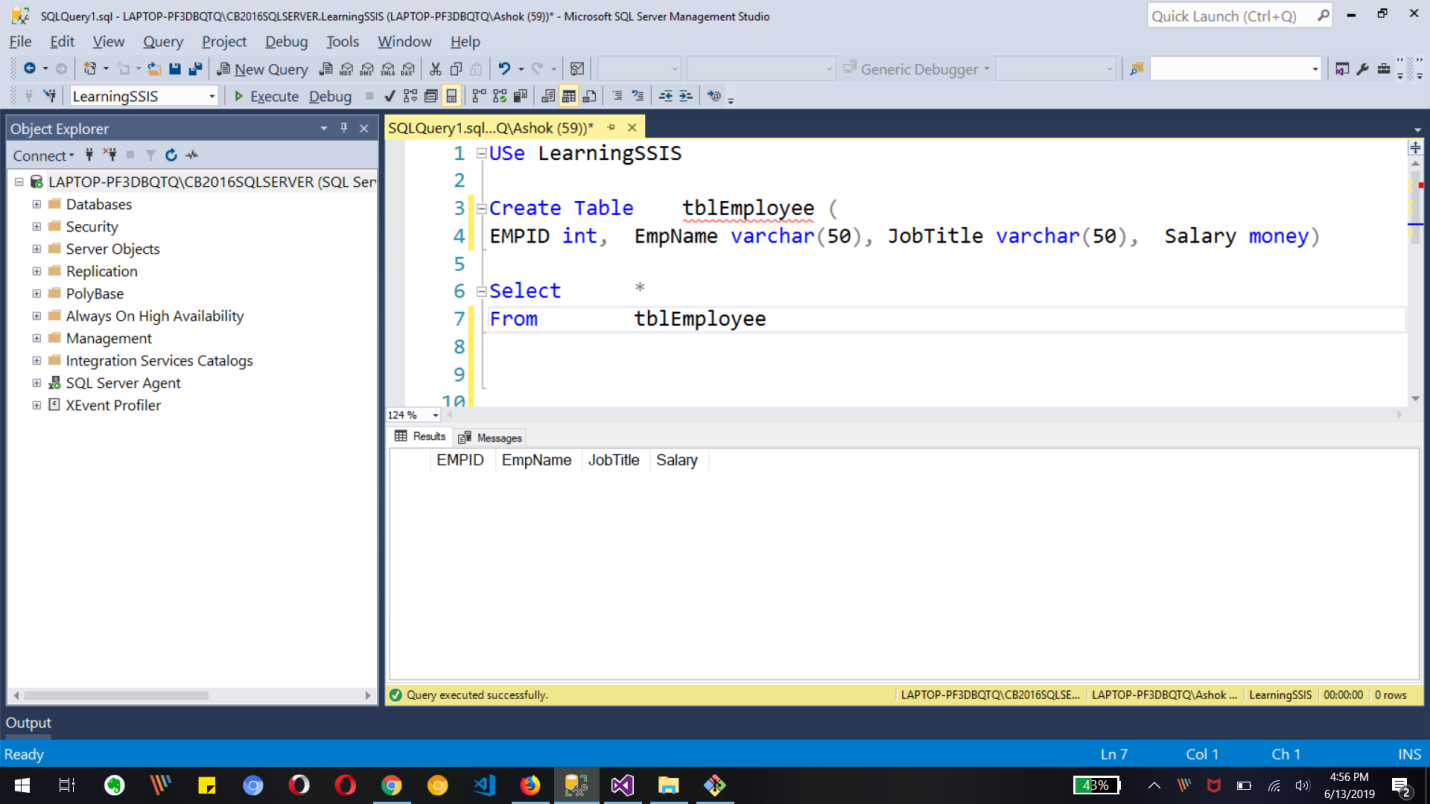
/\* Ashok

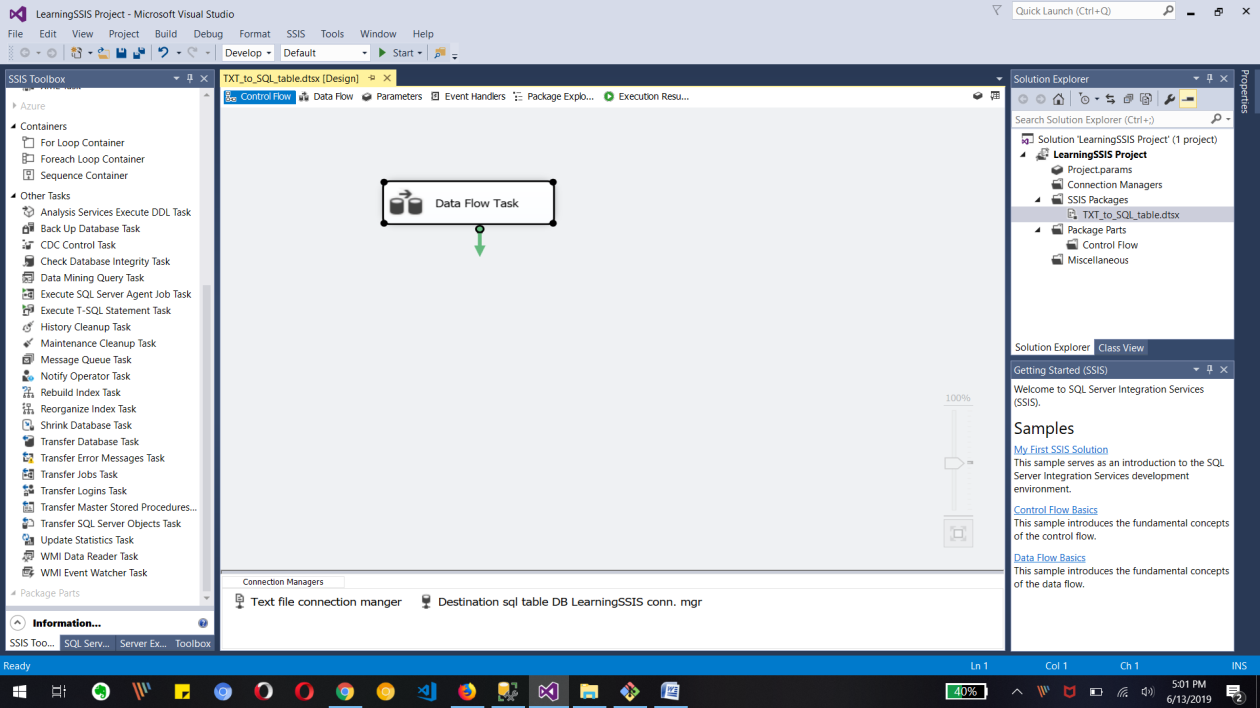
Extract, Transformation and Load Basics Lab

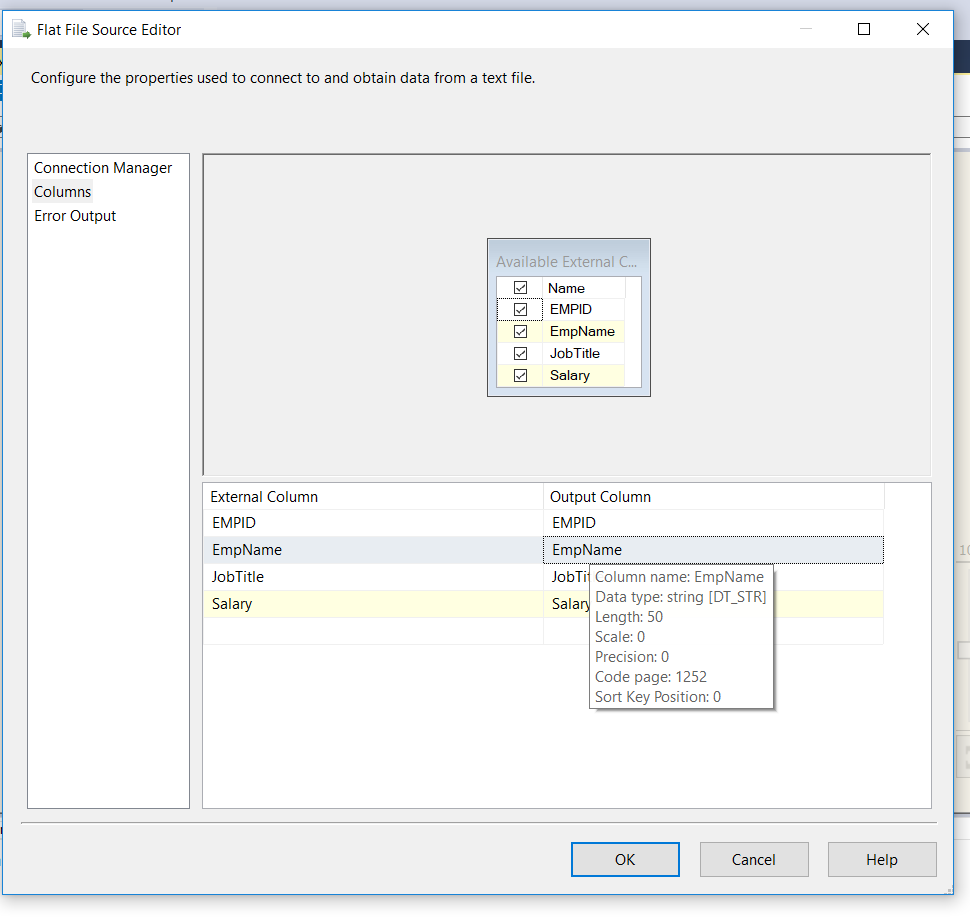
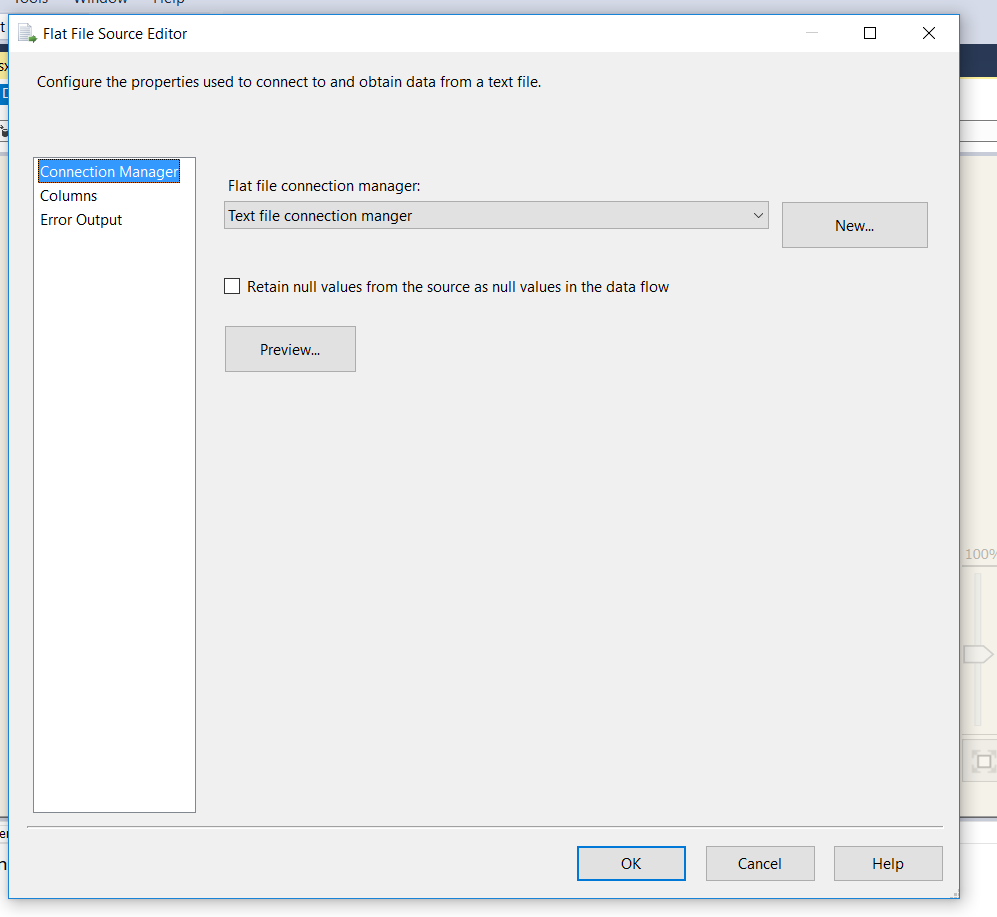
6.13.19 \*/

1… text file to sql table

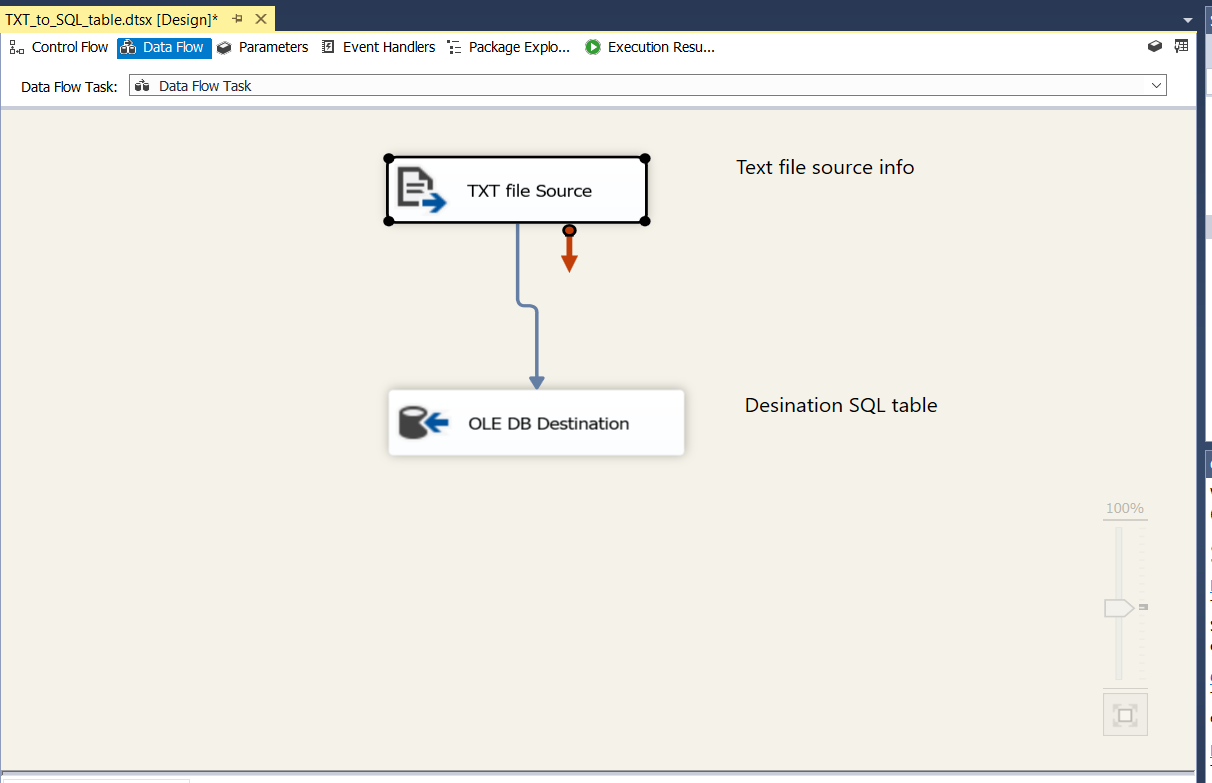


Create table in Database

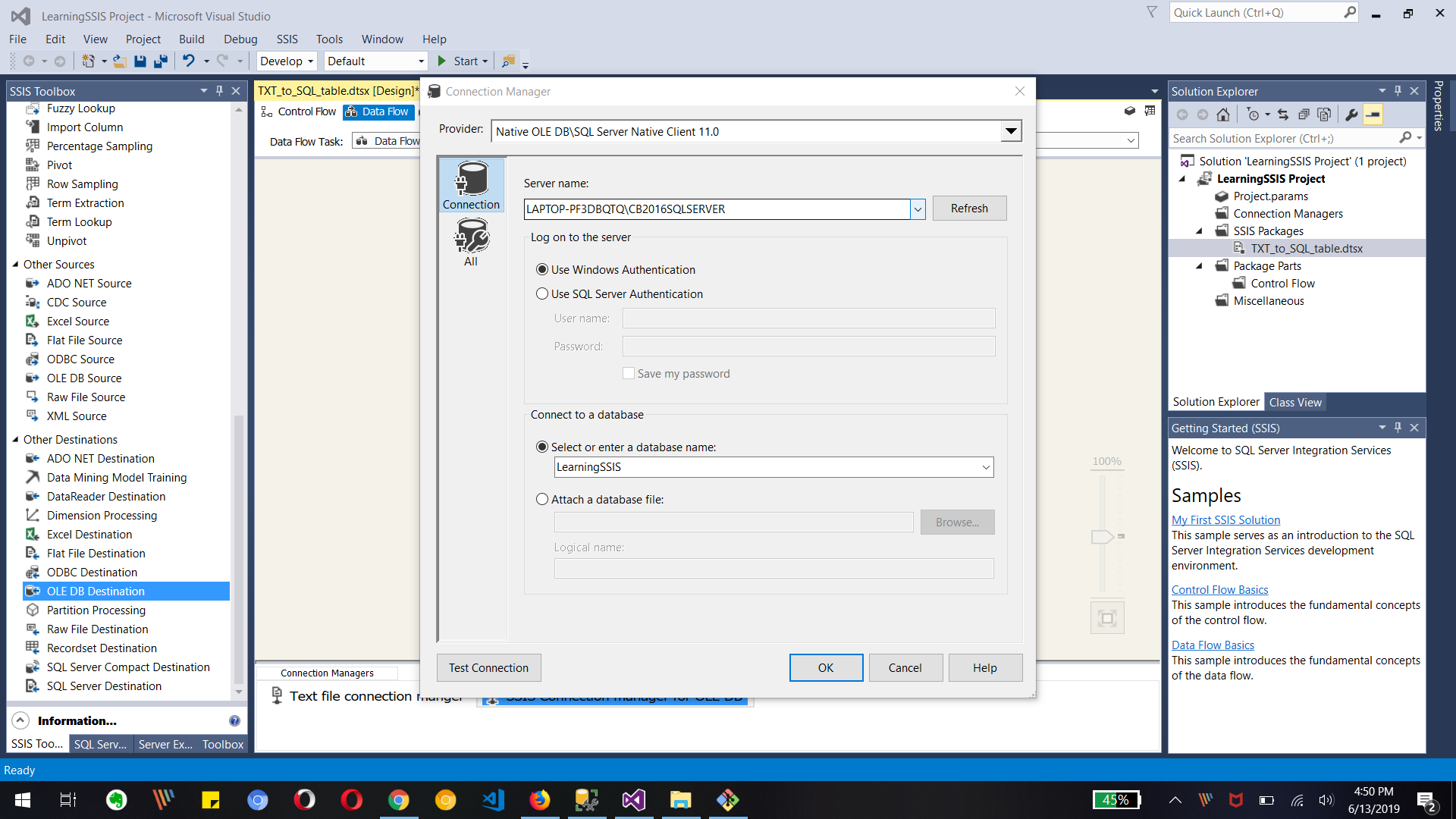
Adding DATA flow task to created SSIS project

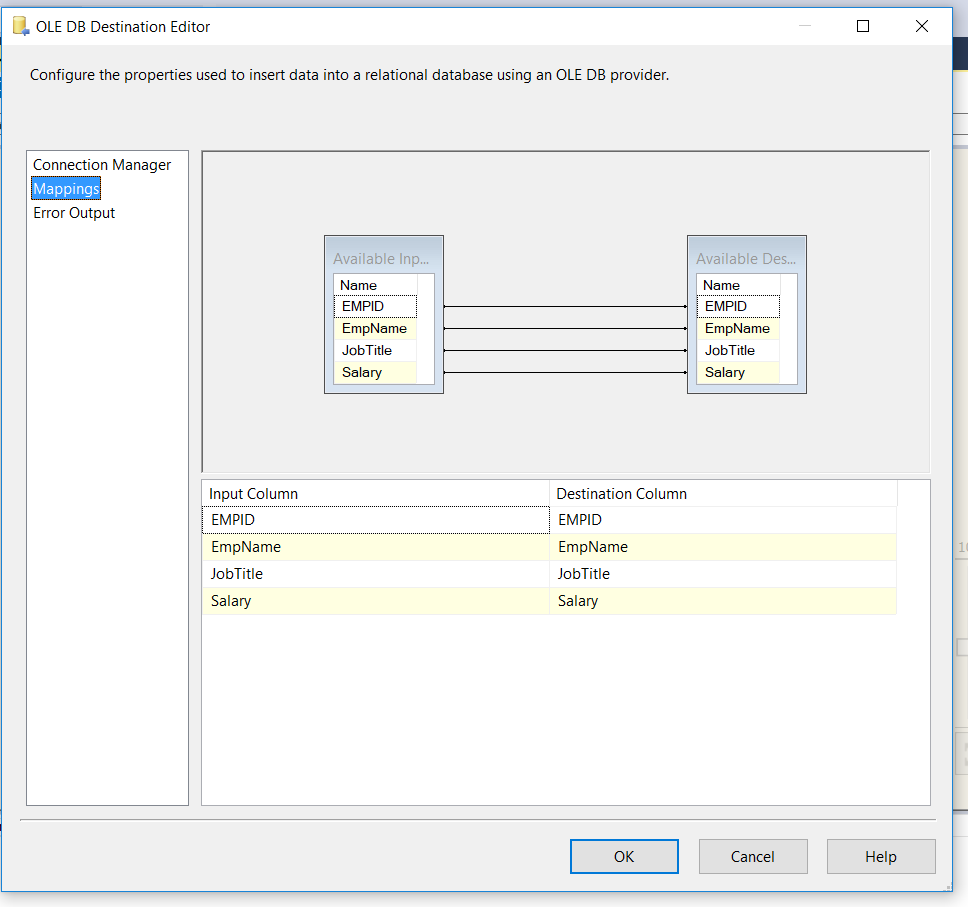
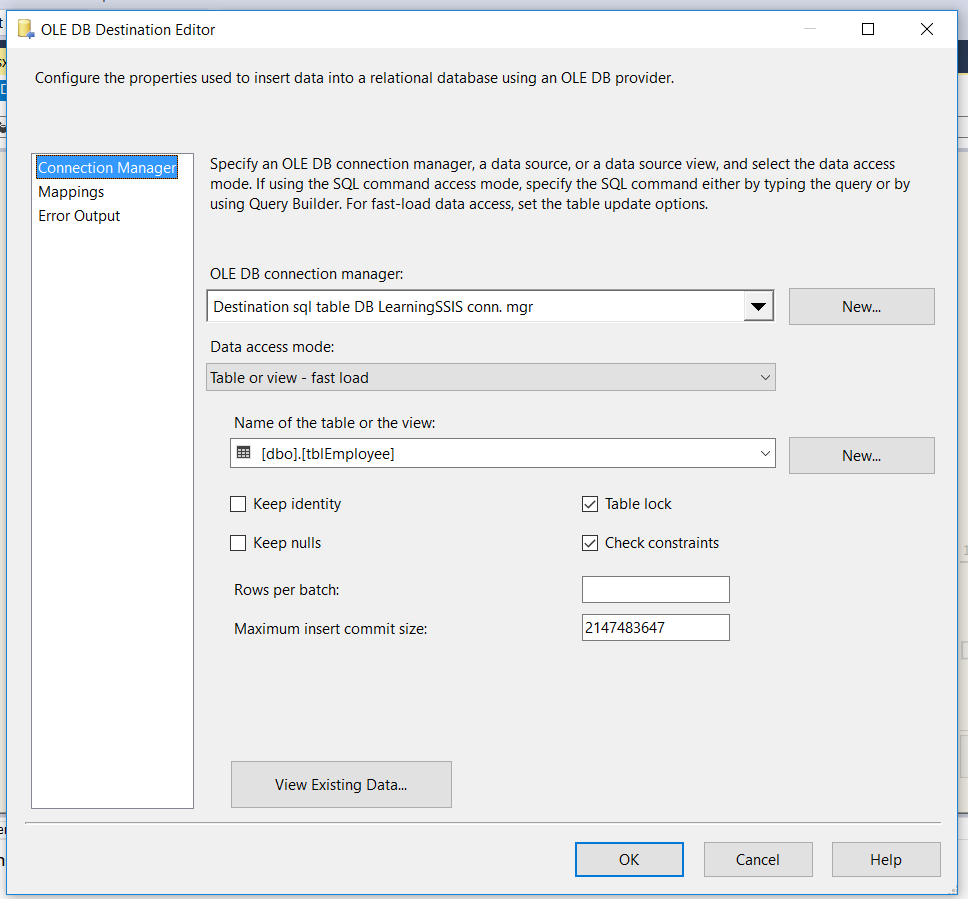


Connection for text/flat file source and columns of text file



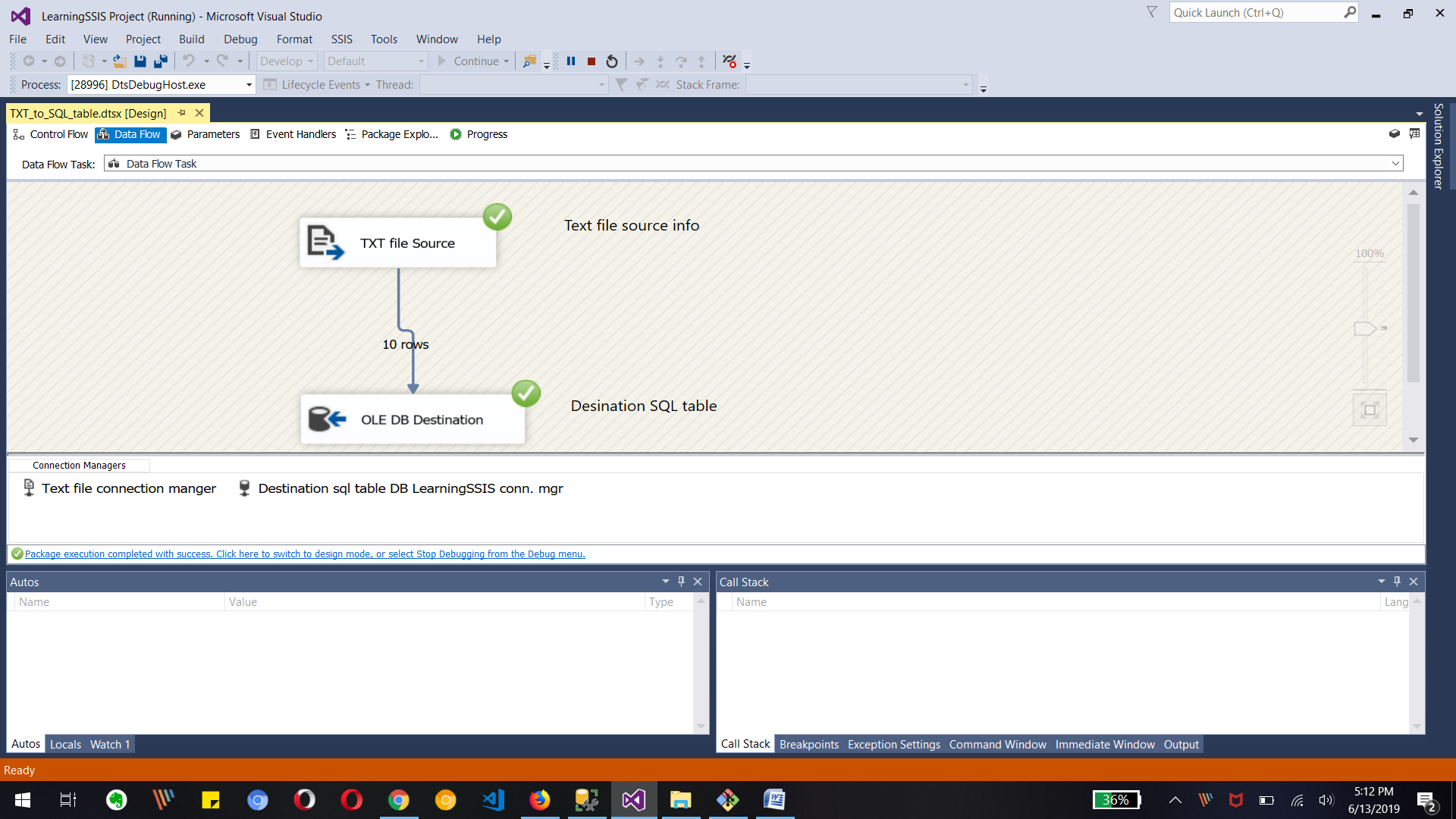
Above image shows Text file source and OLE db destination tasks



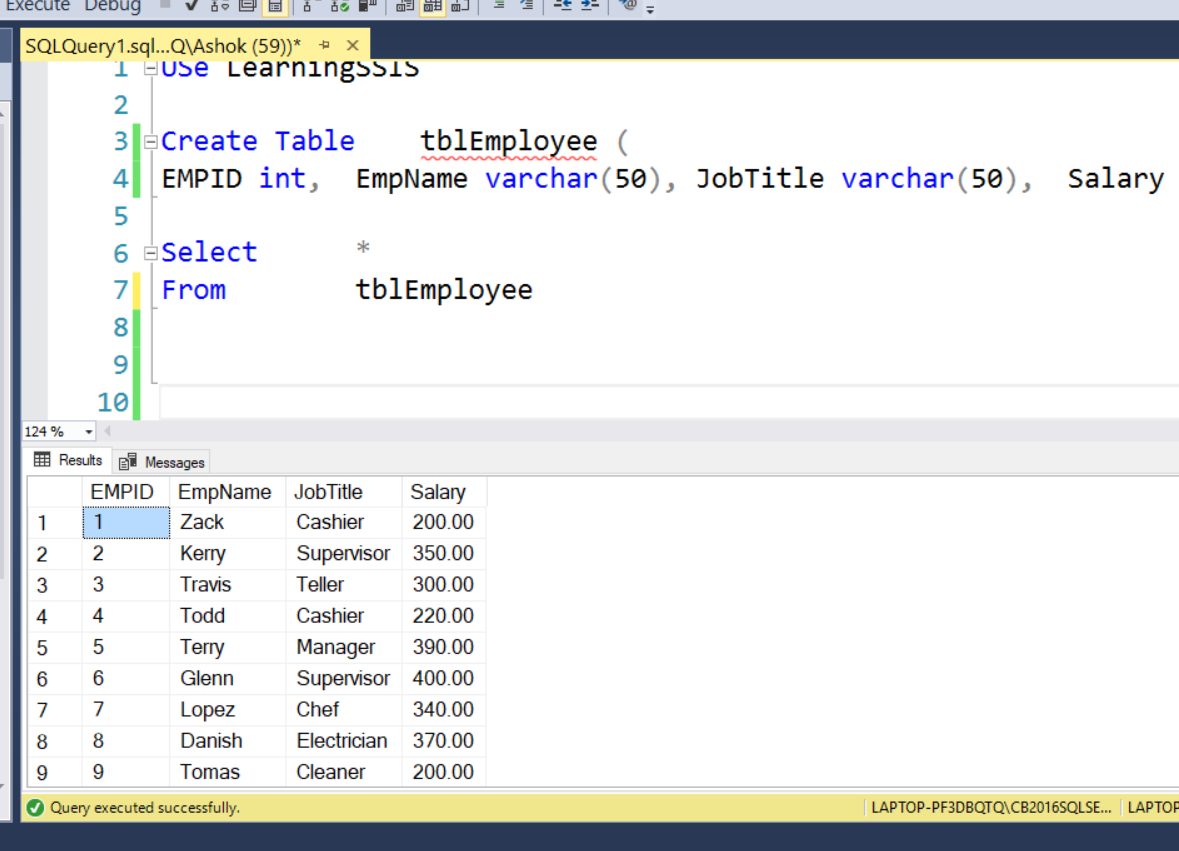


Creating connection manage for OLEDB, and adding employee table to destination editor.

Also Mapping text file columns to destination table columns



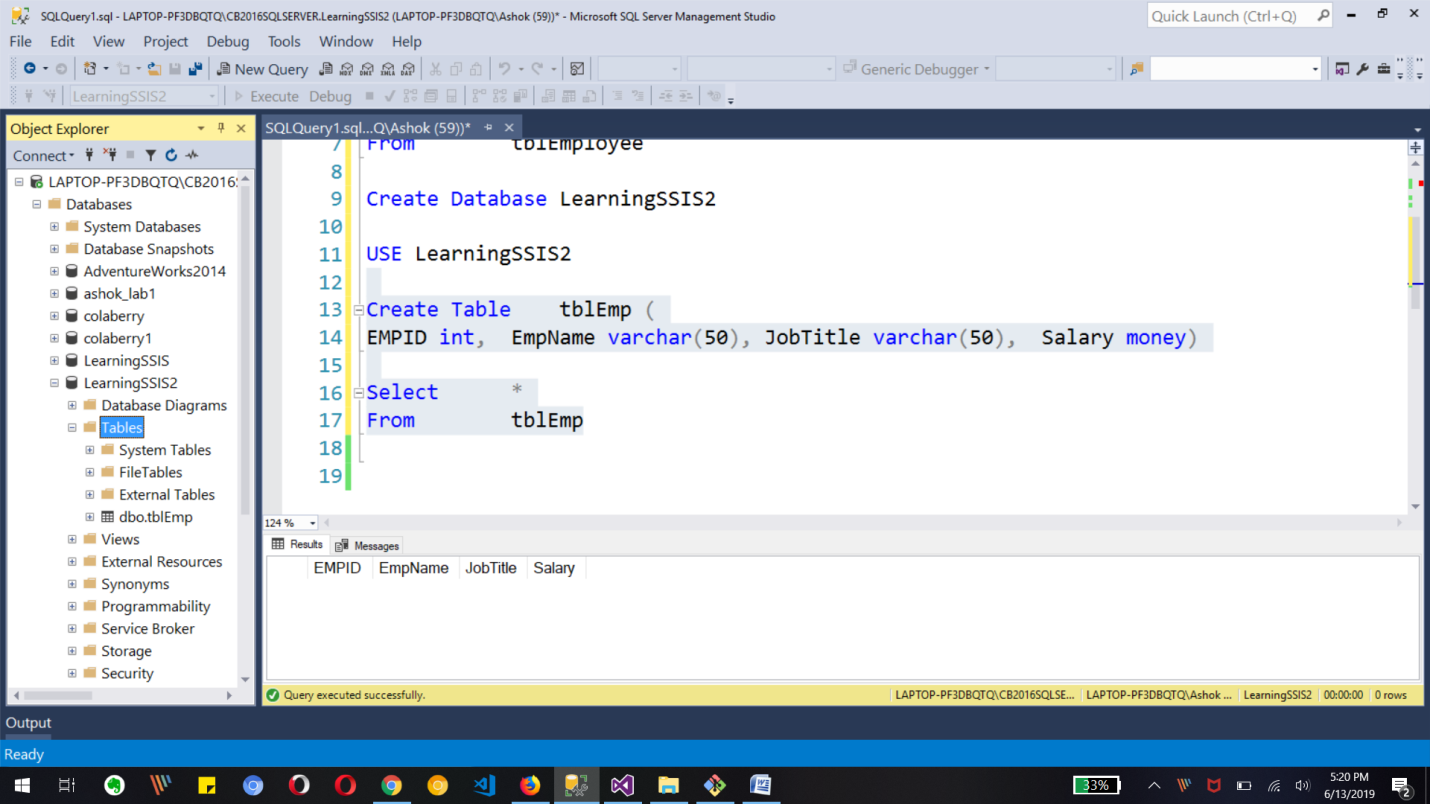
Final Output as 10 rows transferred to sql table

  
Final output in SQL manager for table

2. Create table tblEmp in LearningSIS2 database with the same schema as

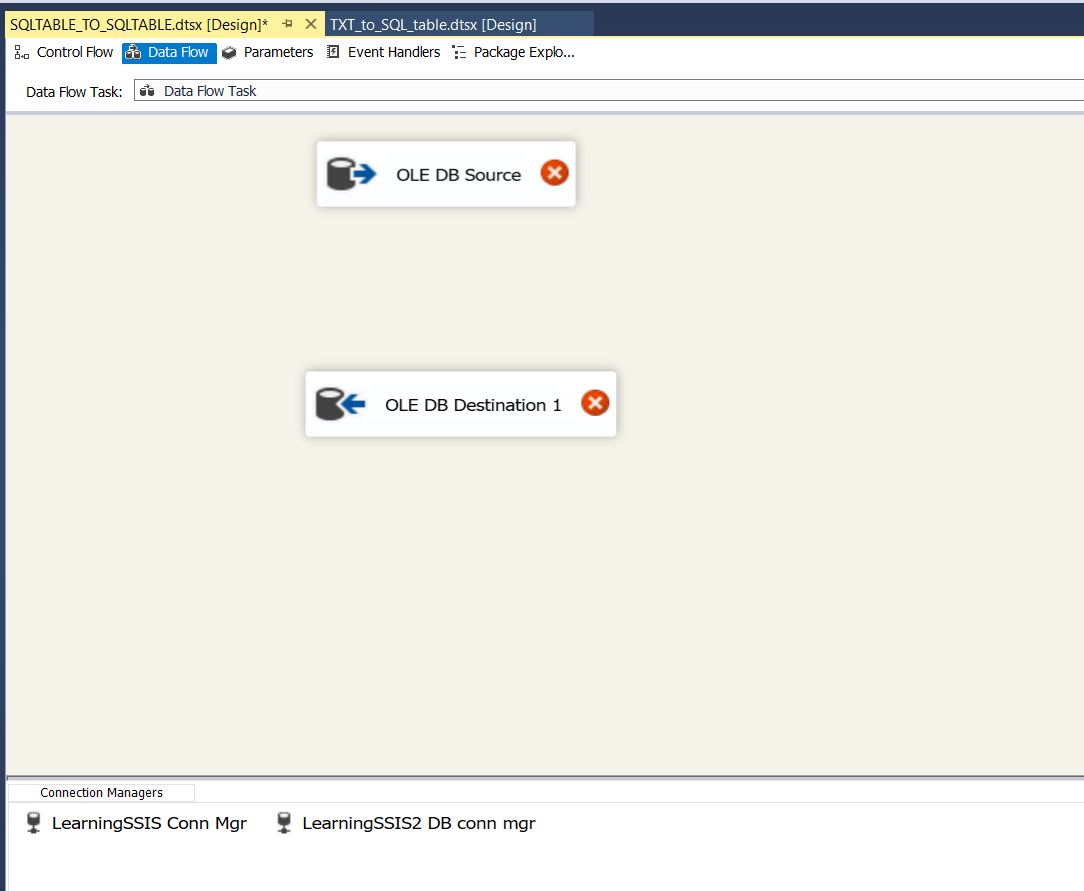
LearningSSIS..tblEmployee table

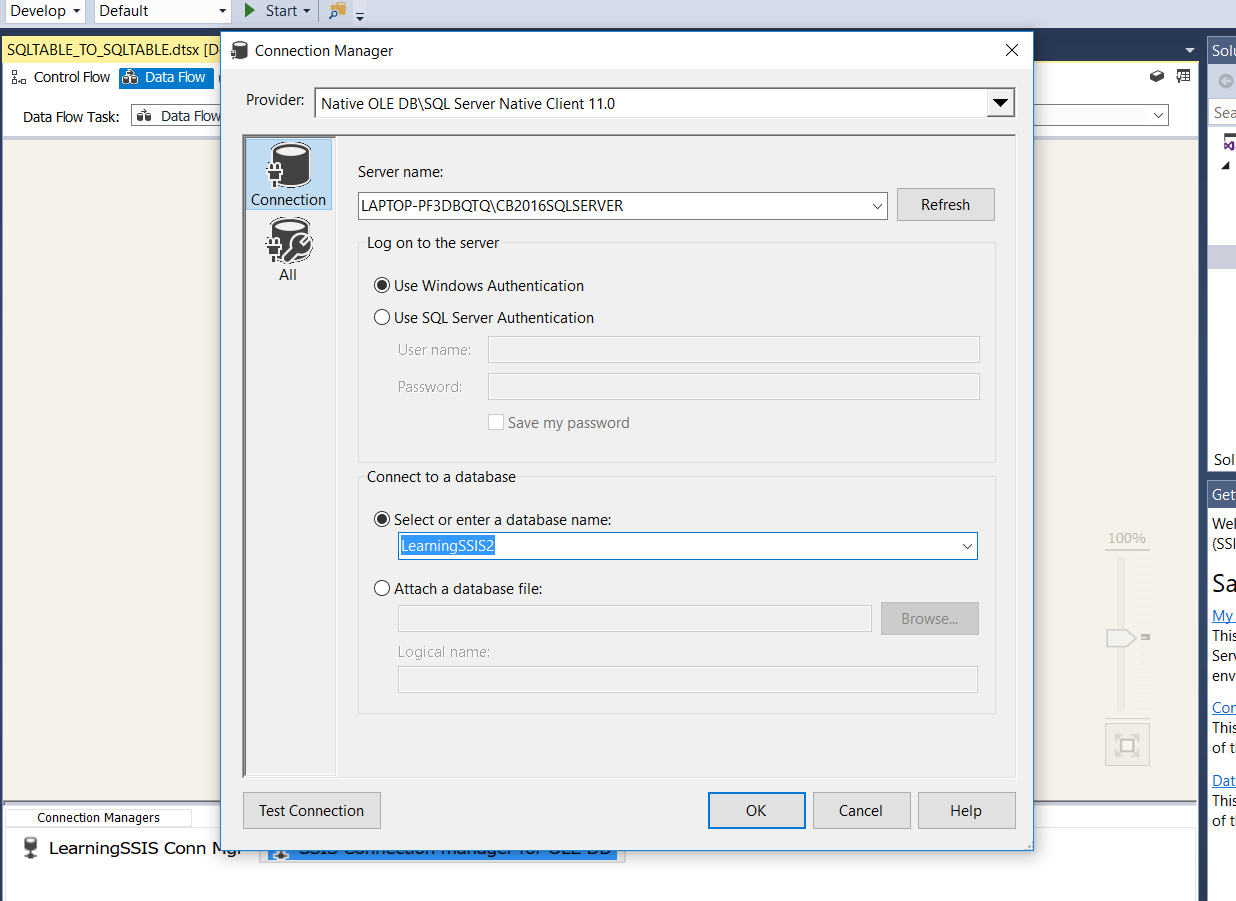
3. (do not populate tblEmp)



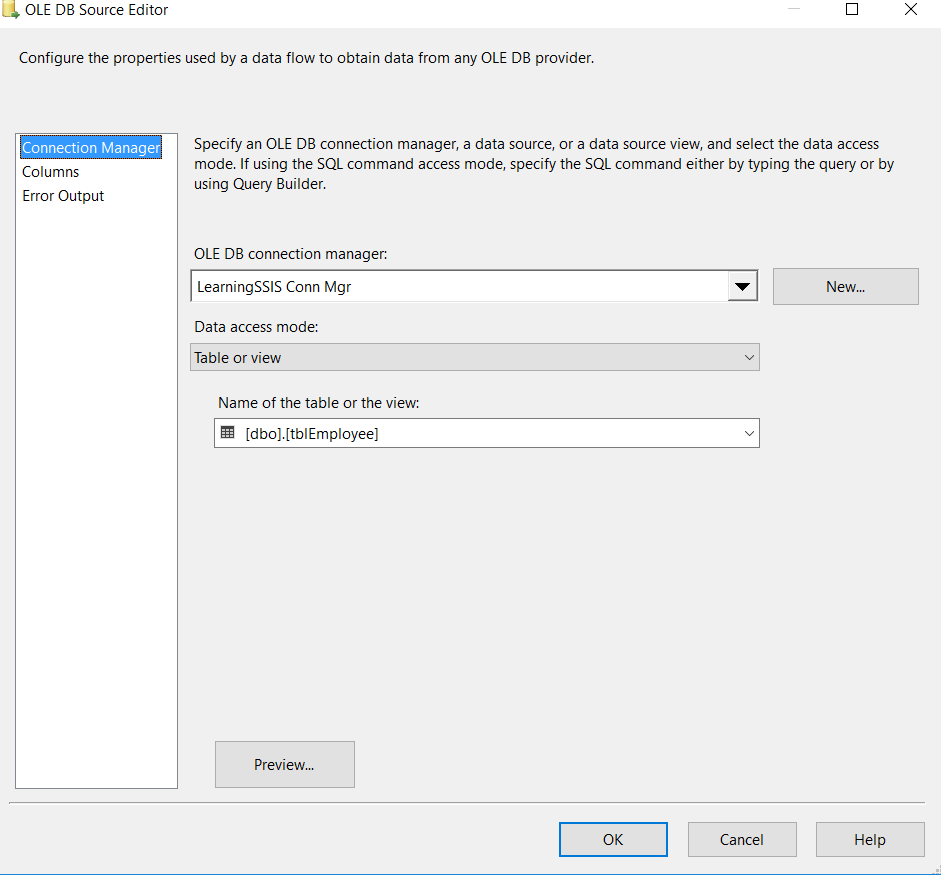
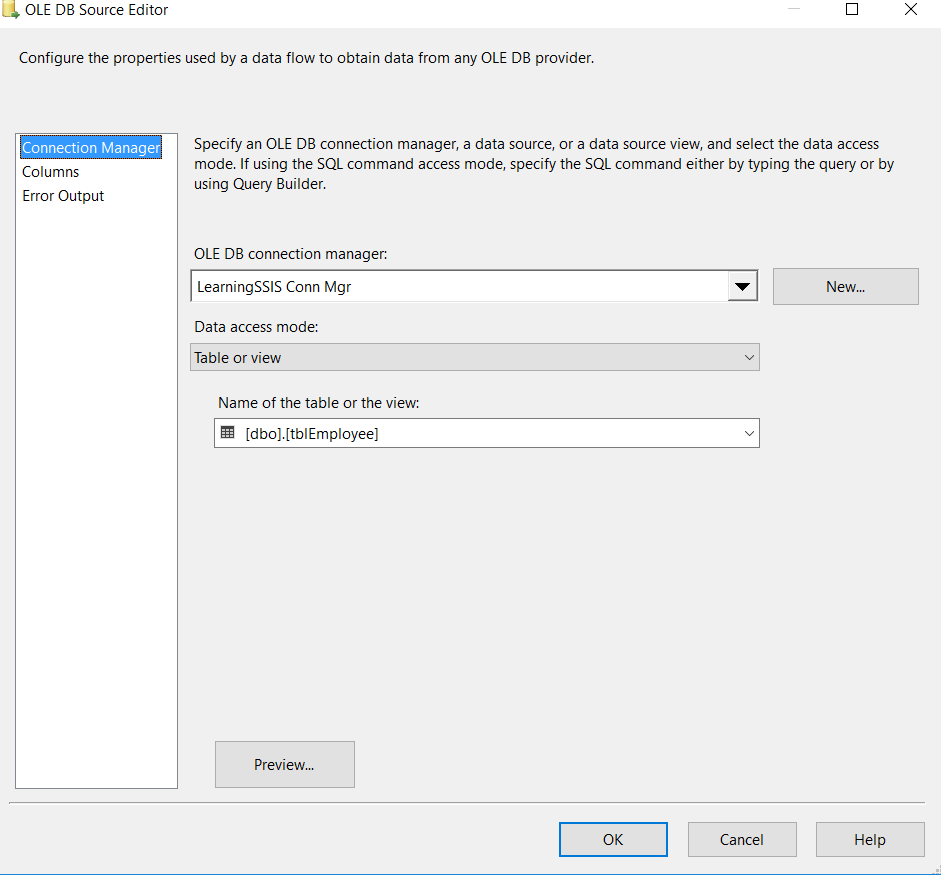
4. Create a SSIS package to load the data from LearningSSIS..tblEmployee to

LearningSSIS2..tblEmp

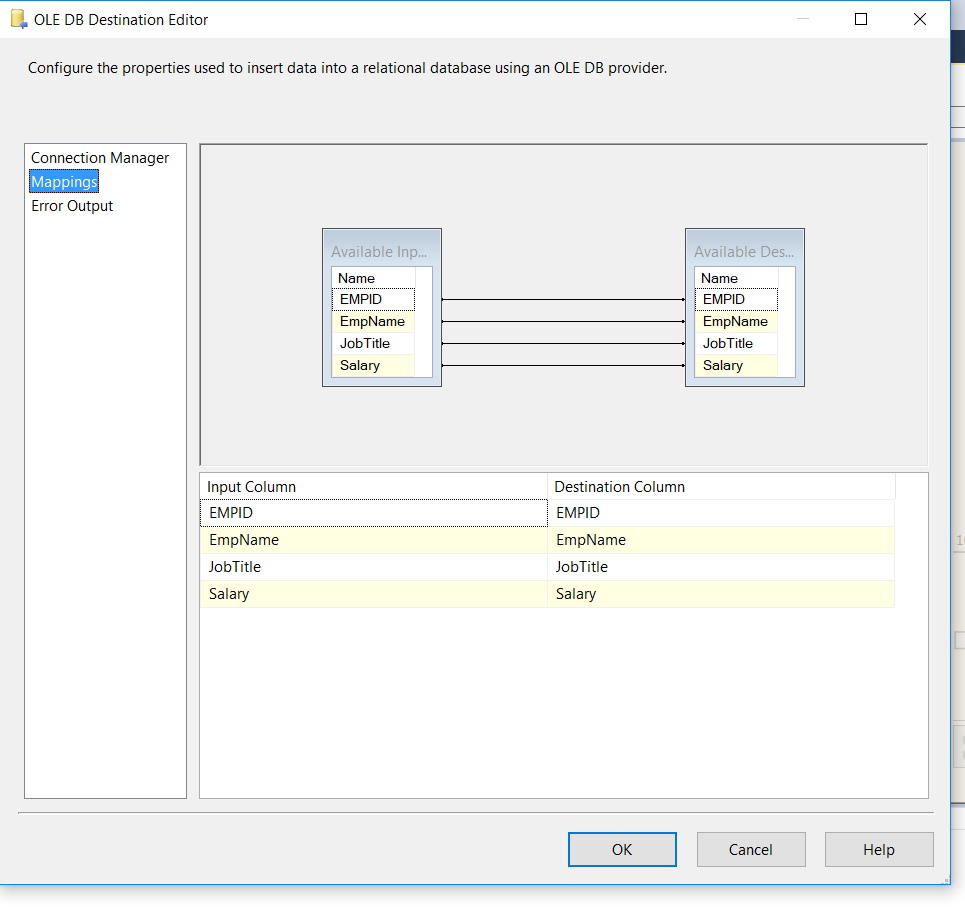
Creating OleDB source and destination task inside data flow task



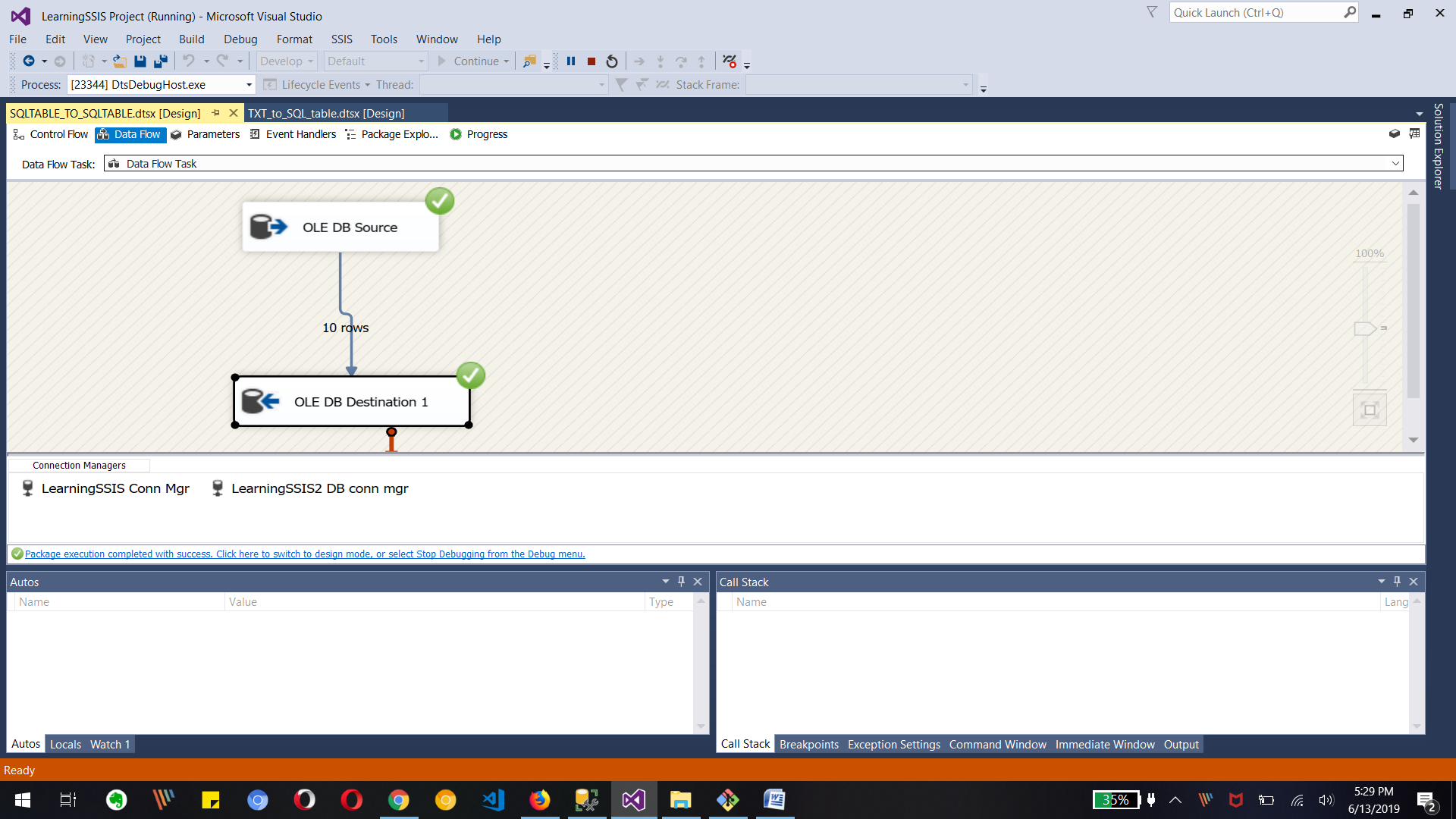
Creating new connection manager for LearningSSIS2 database

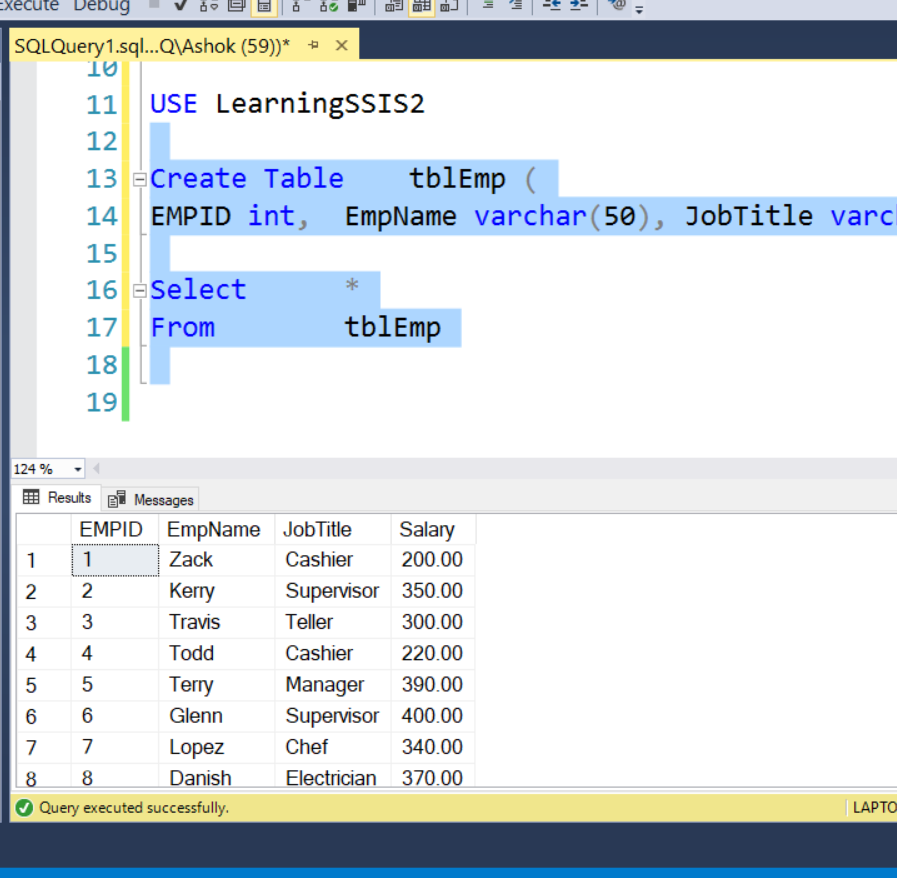
Creating connection for source and destination OLE DB



Mapping columns to columns in Destination connection Manager

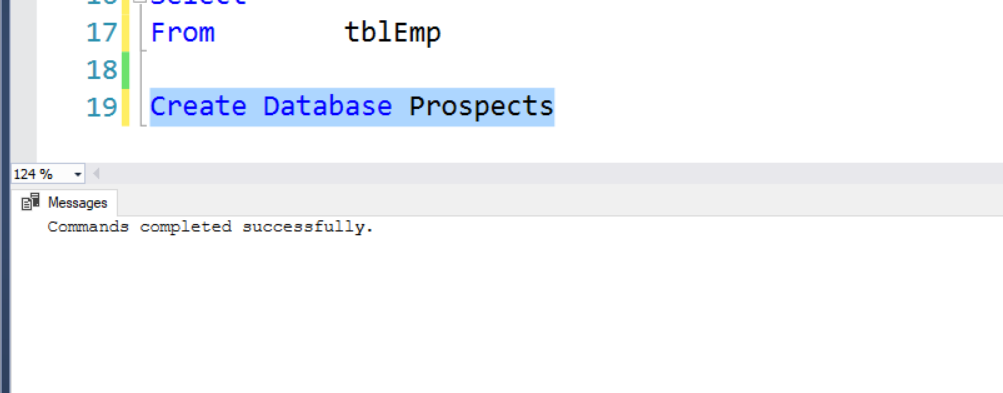


Running package and it shows 10 rows transferred.

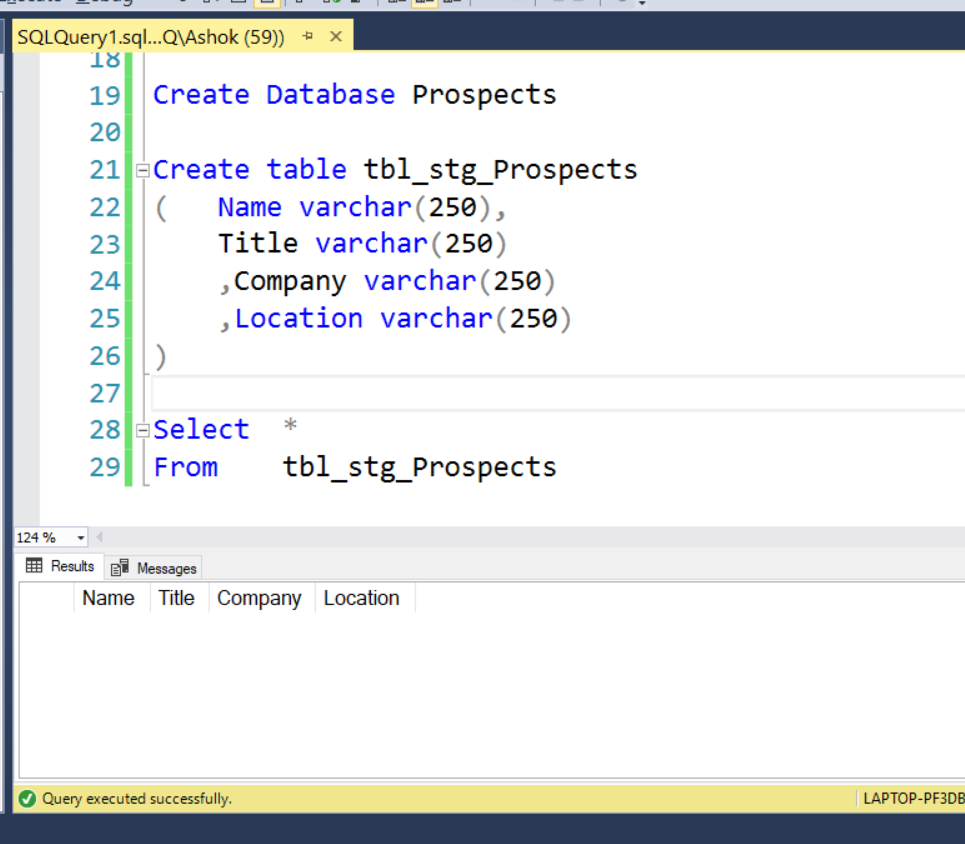


Final output in SSMS for tblEmp table in learningSSIS2 database

5. Create database Prospects

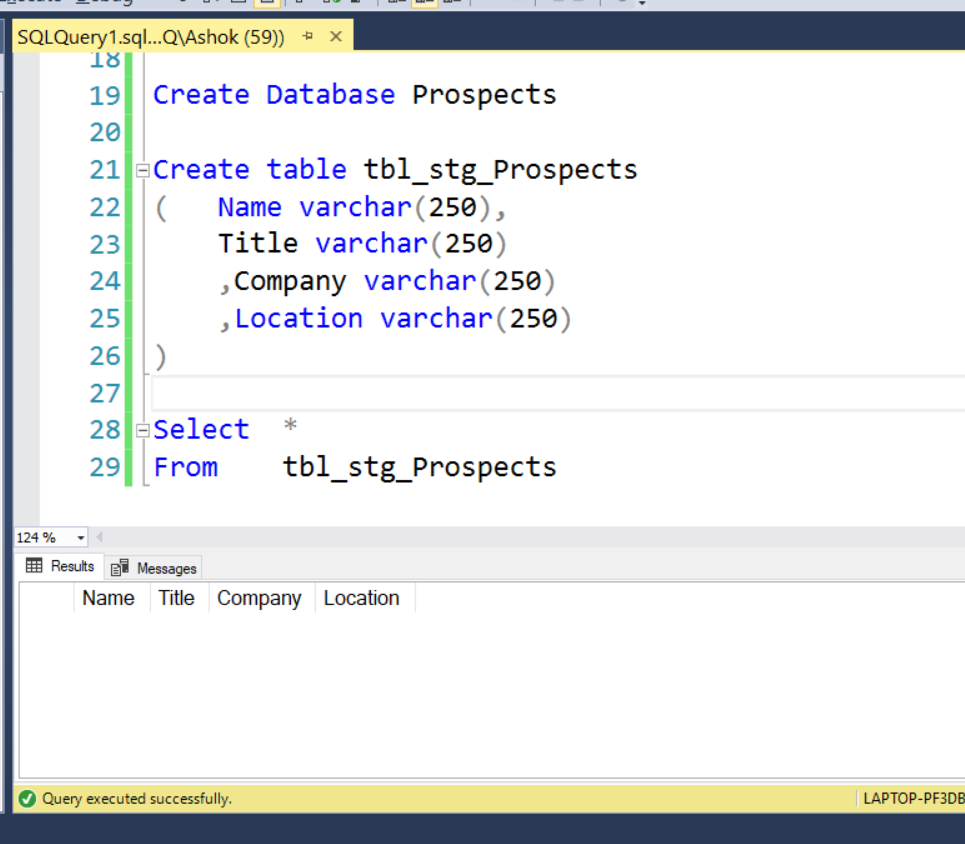


6. Create table tbl\_stg\_Prospects in Prospects – (Refer to Project document)

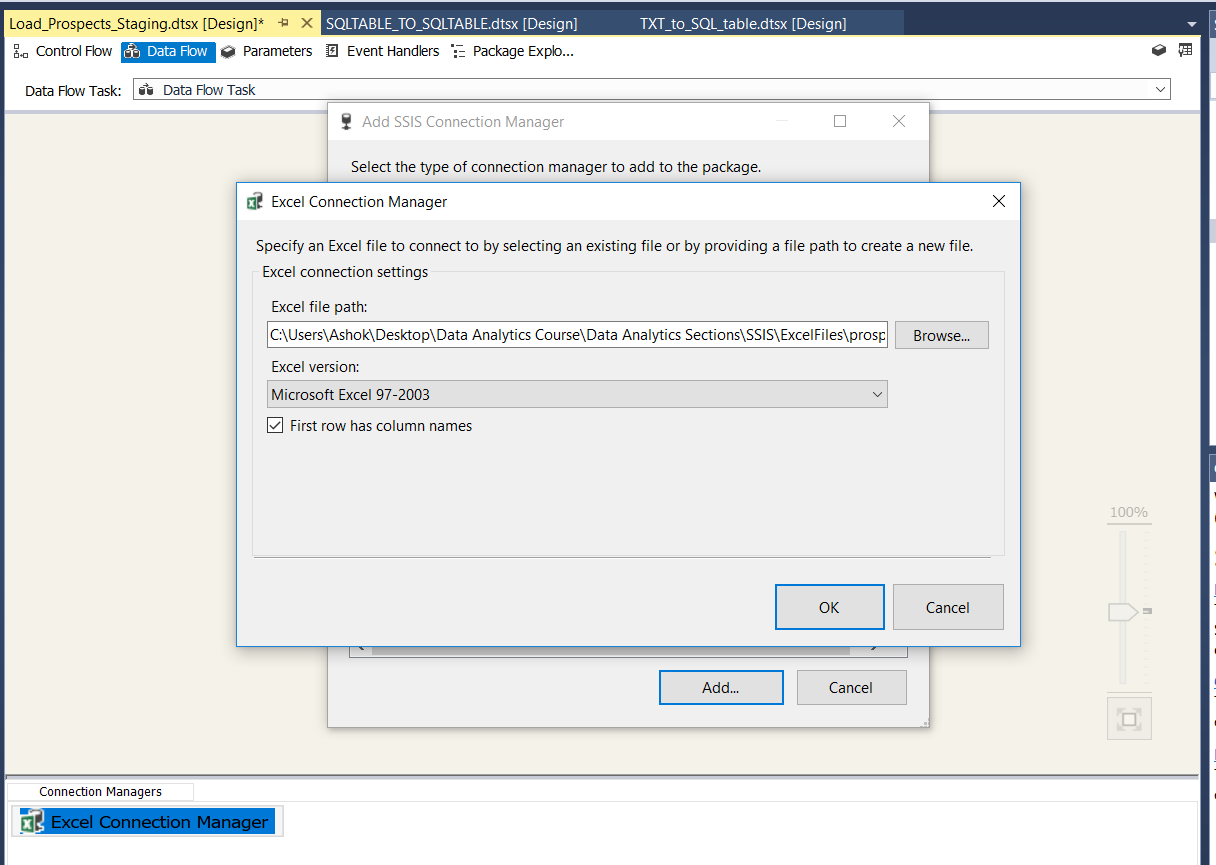


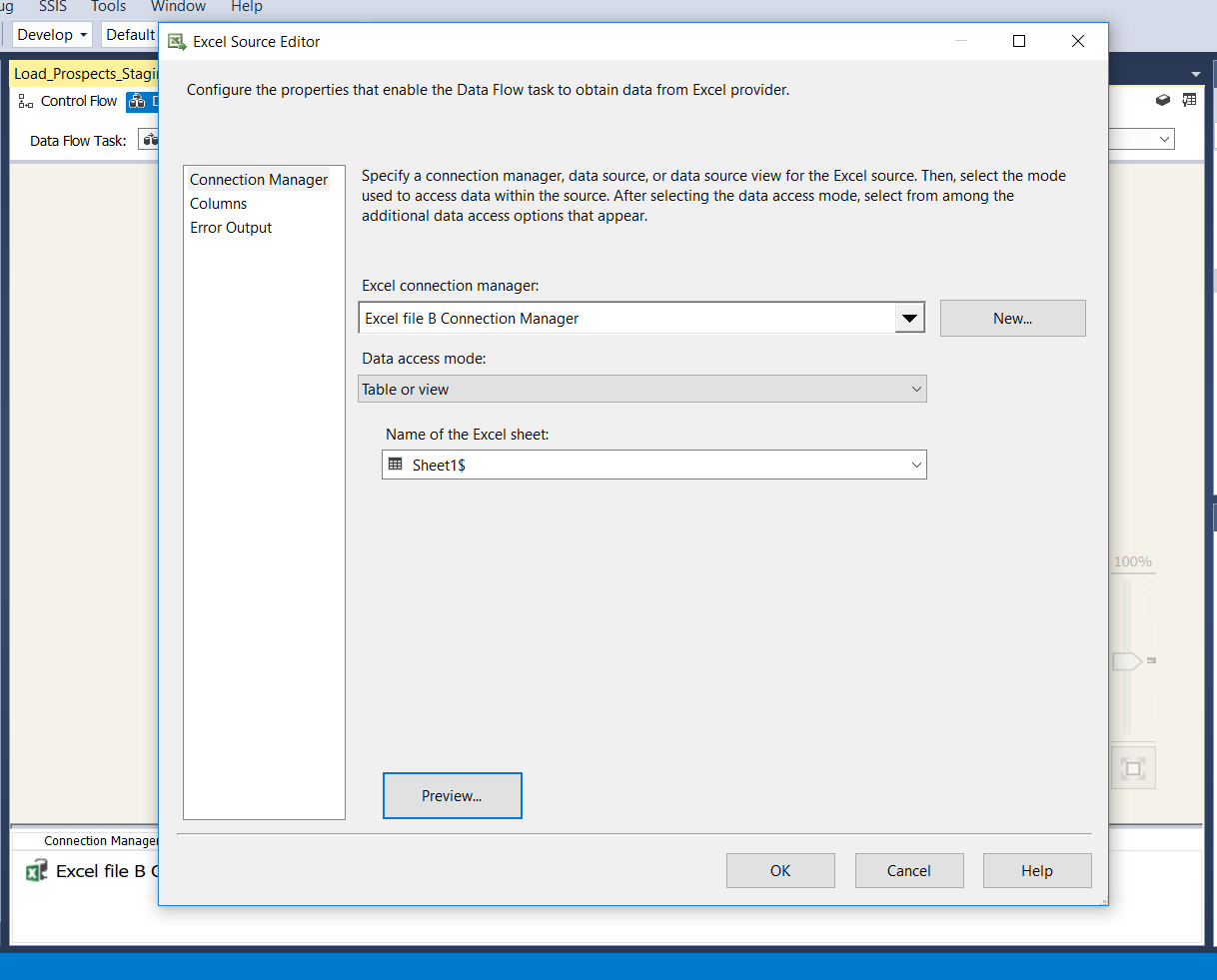
7. Create a SSIS package Load\_Prospects\_Staging.dtsx to load the data from Prospect\_B.xls to

tbl\_stg\_Prospect

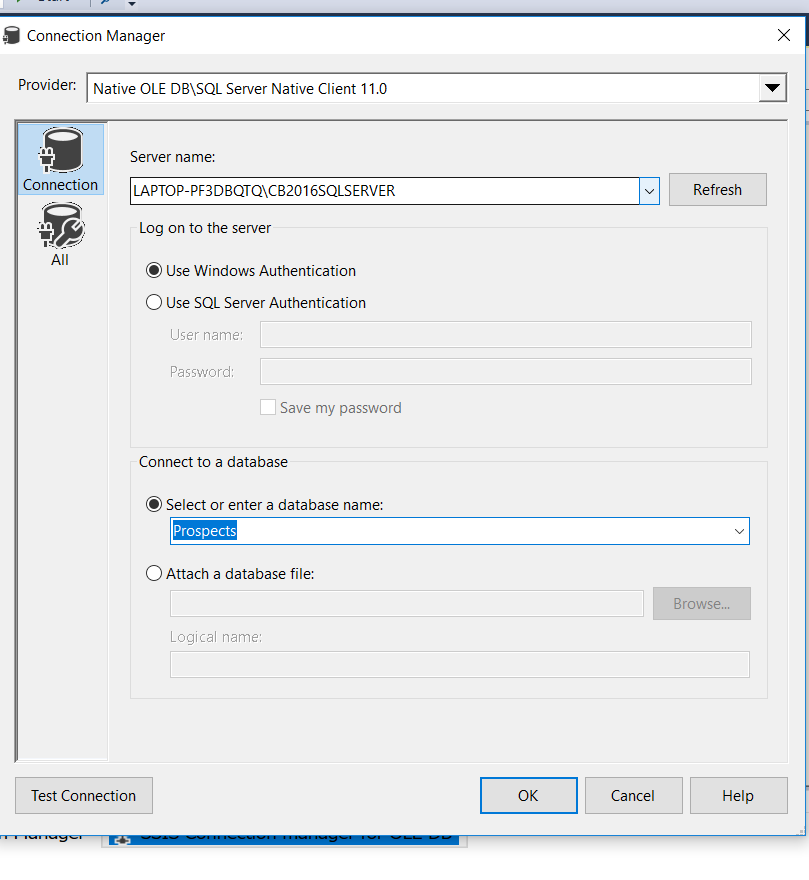


Creating database and Prospects table as mentioned above

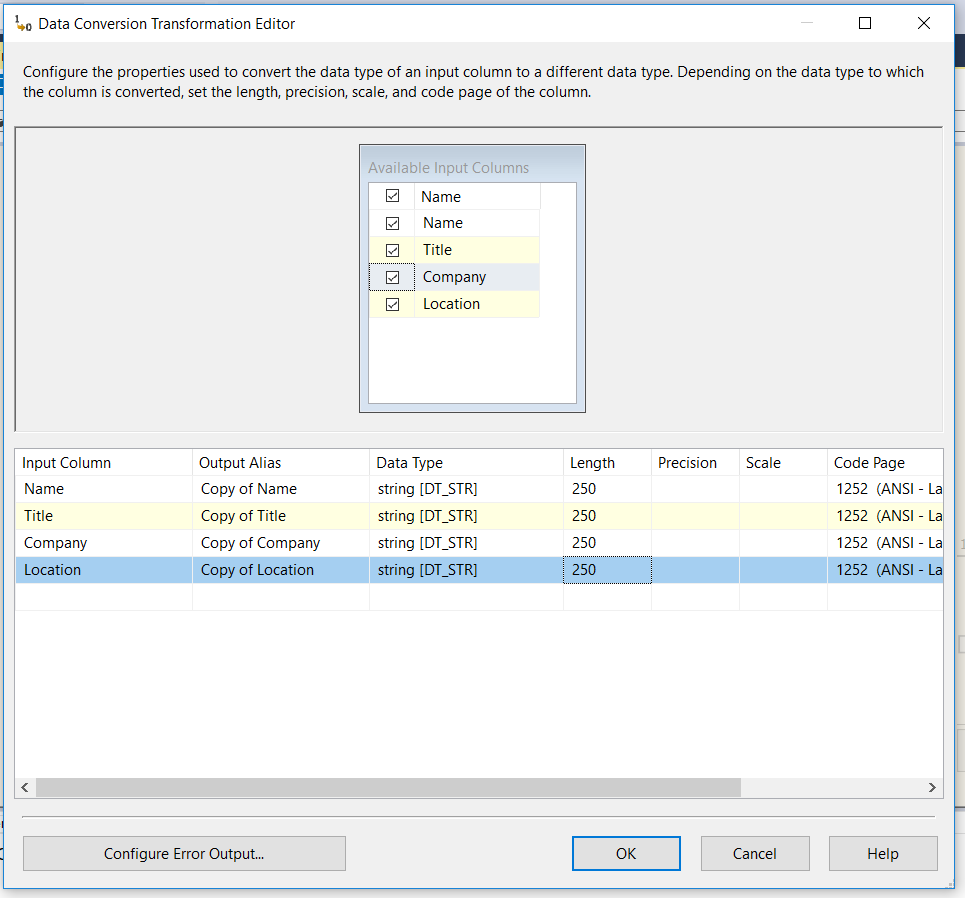
Creating connection manager for Excel source



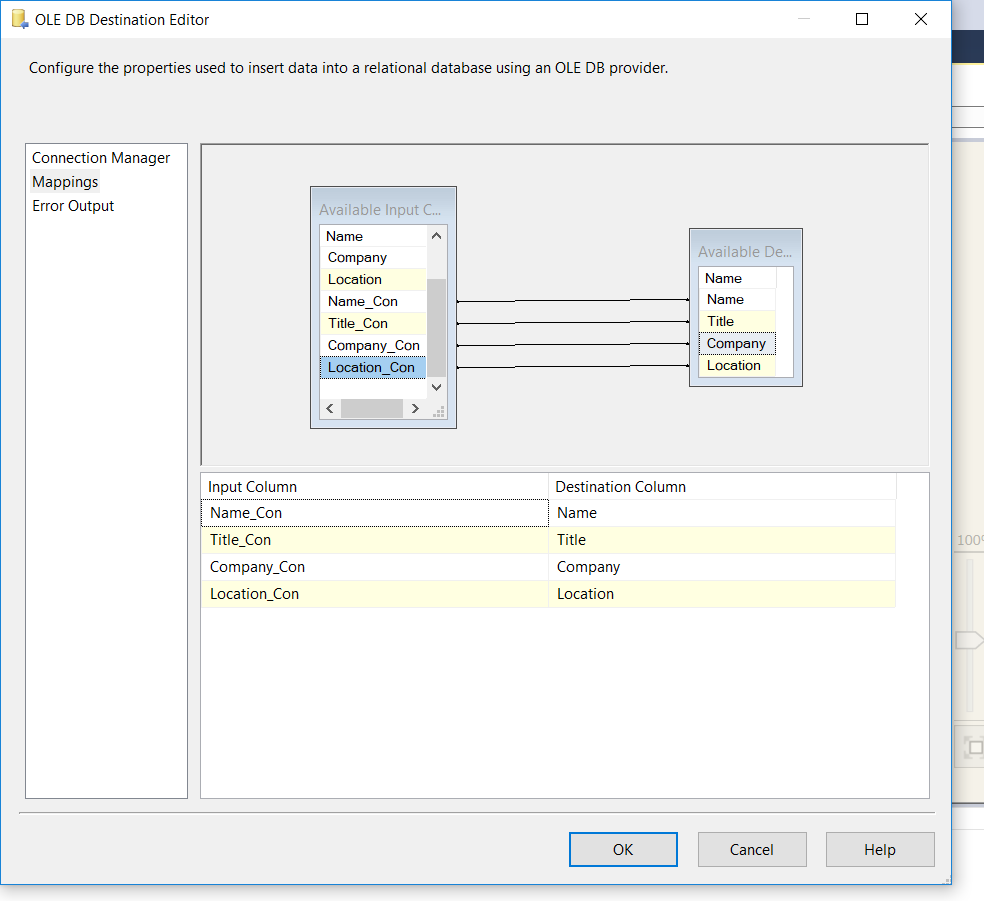
Section of excel file connection and it sheet number for data

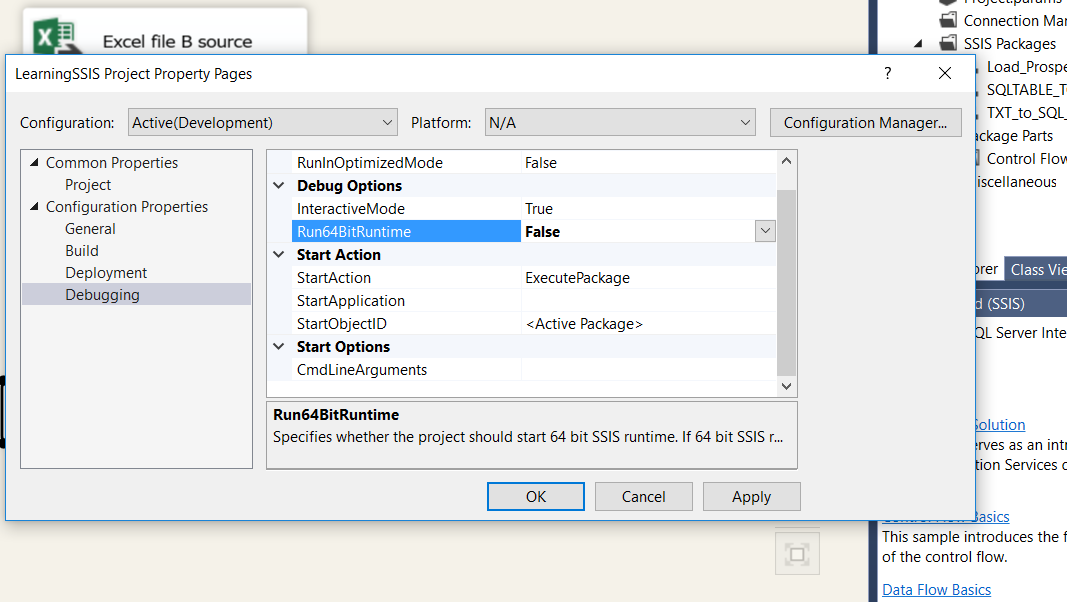


Creating Connection manager for OLE DB destination sql table

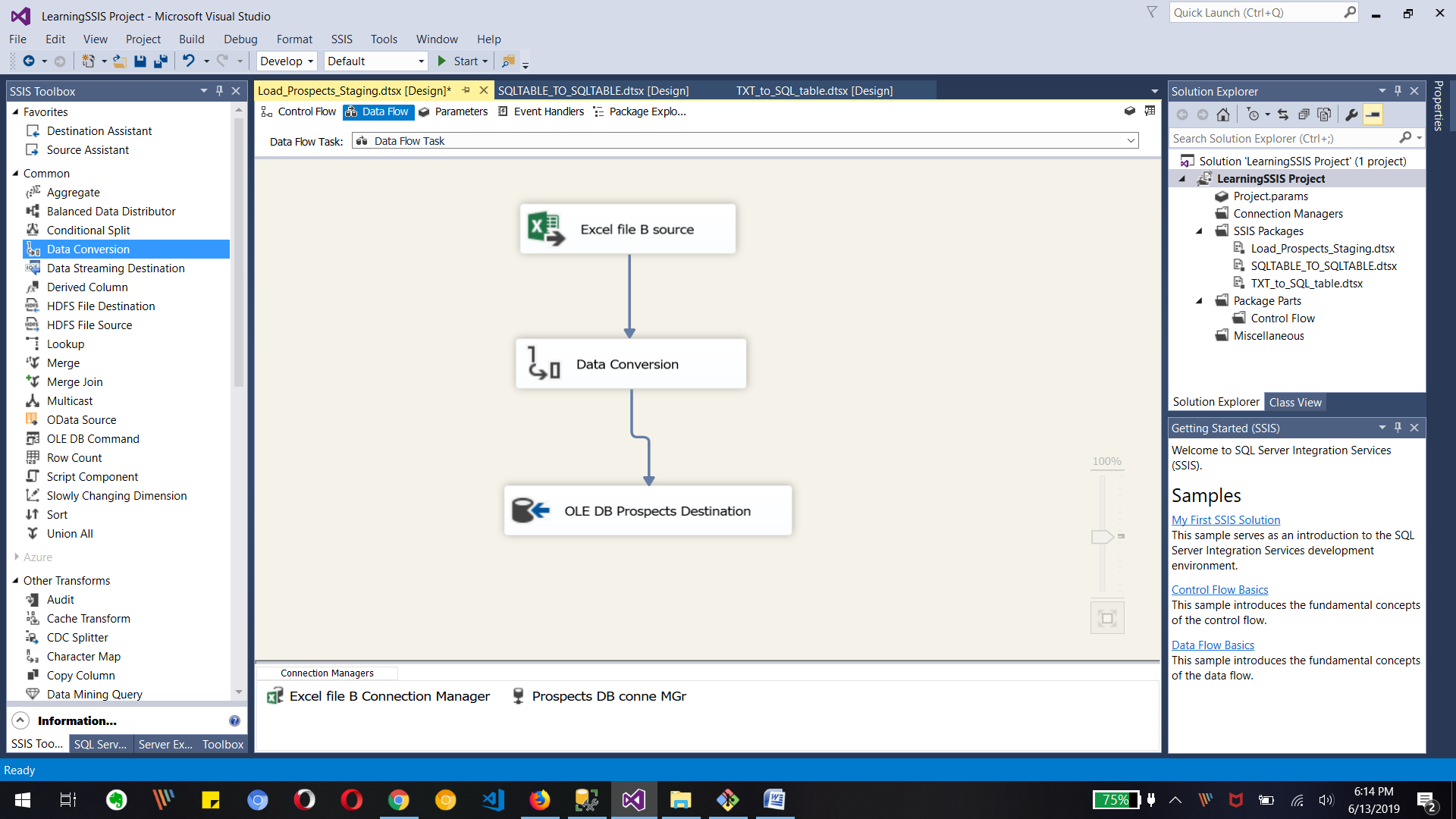


Data conversion is needed for Excel file so doing that in conversion transformation editor

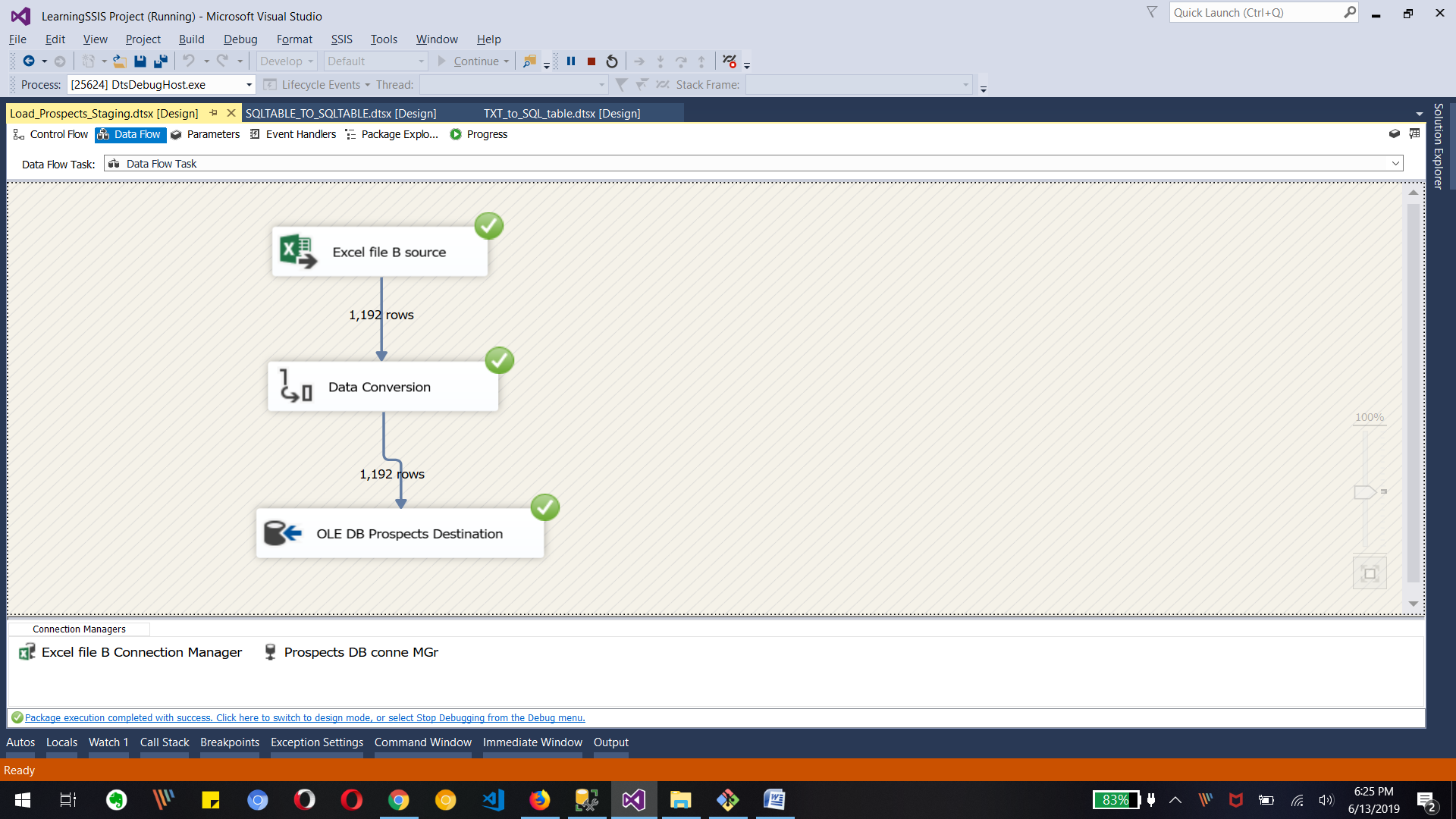
Mapping the right columns to SQL table columns in destination connection manager

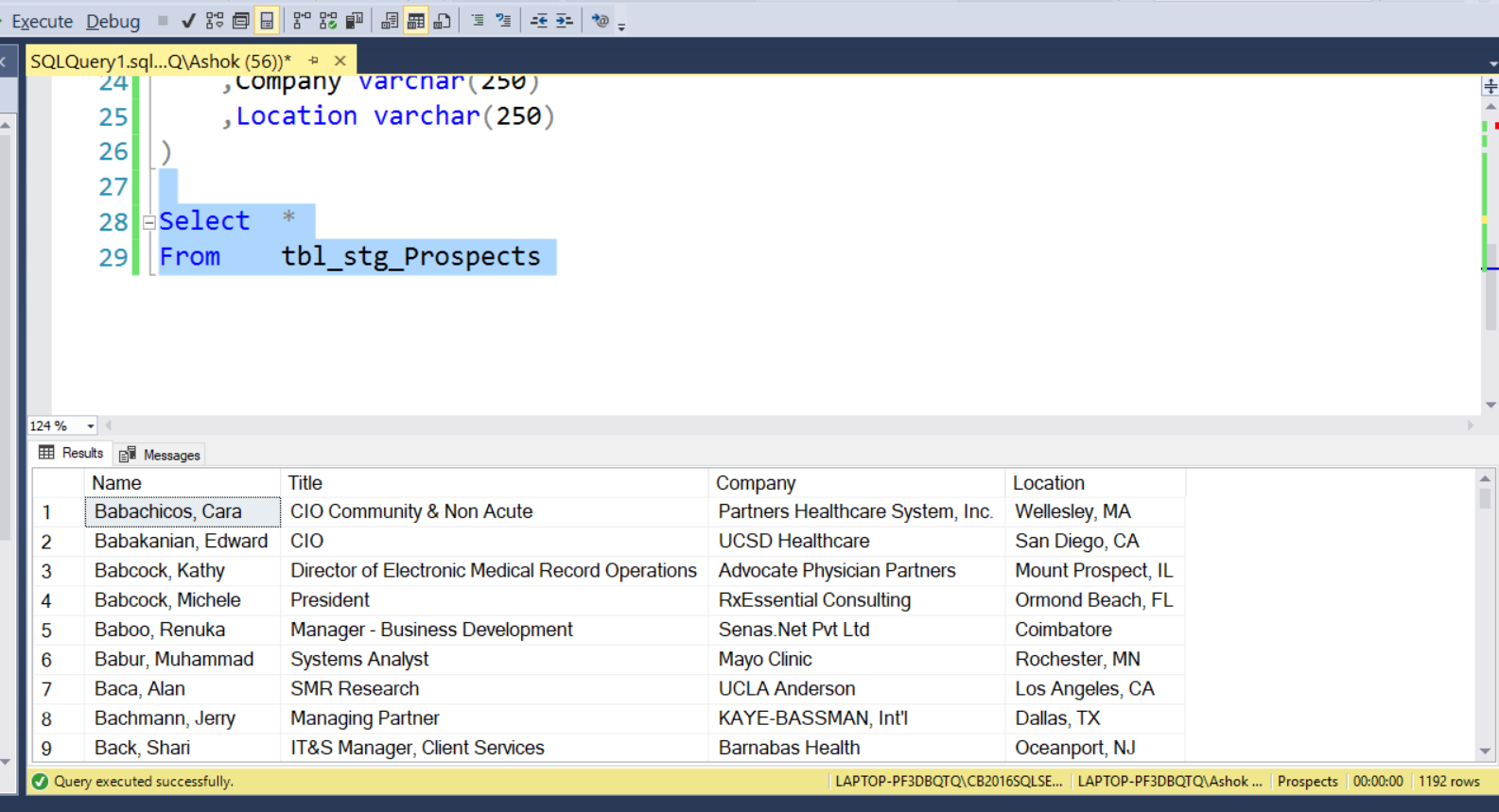


Need to update run64bit Runtime for Project as we have Excel file



Final look of Project for Excel to SQL table data transfer





Final Output for 1192 rows transferred to Sql Table

**Importance of ETL in Organization Article in Group discussion.**

